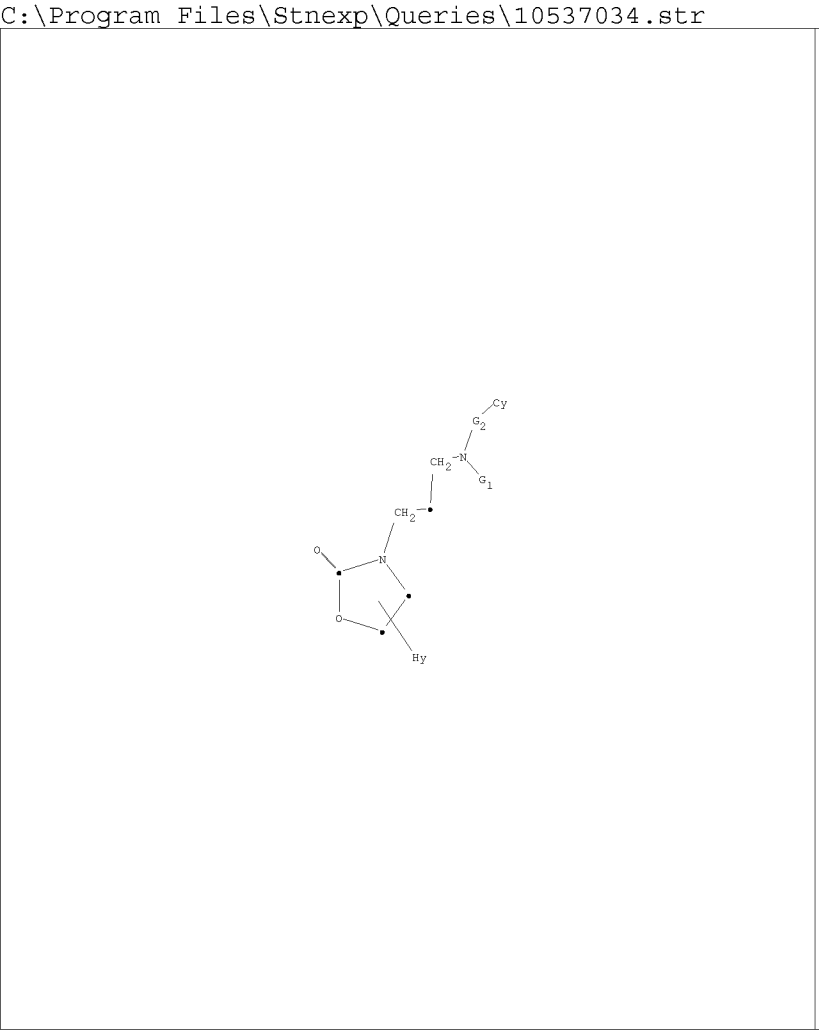
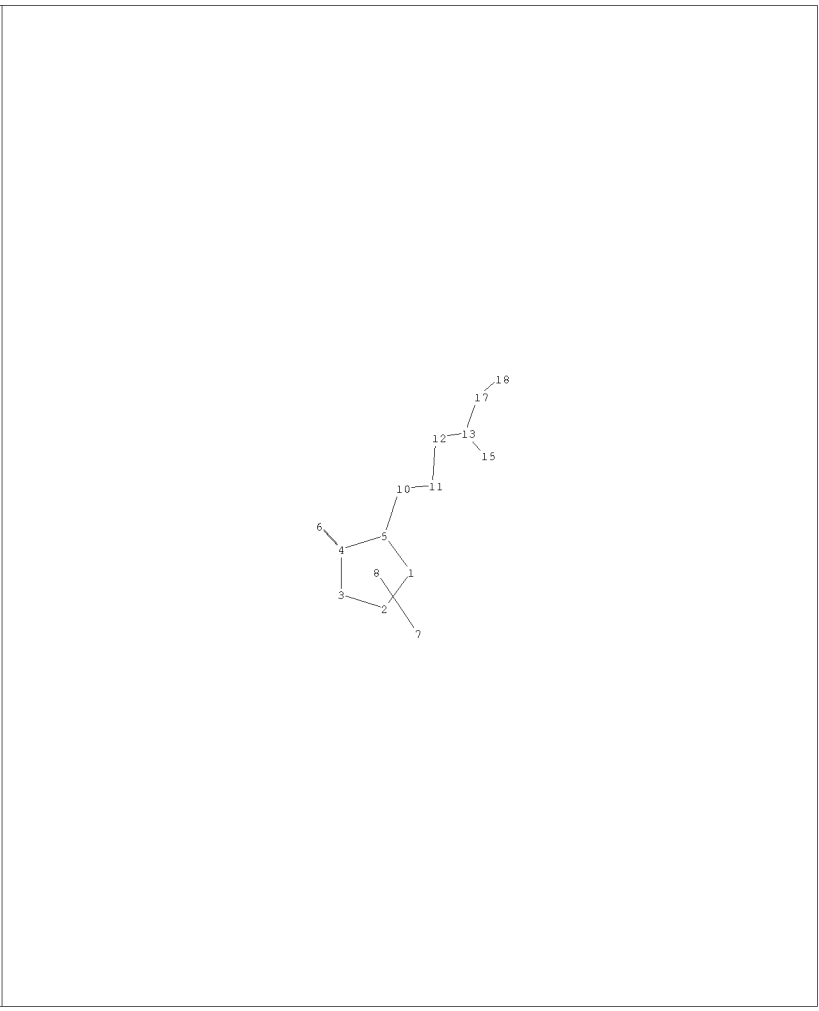
C:\Program Files\Stnexp\Queries\10537034.str





chain nodes :
    6 7 10 11 12 13 15 17 18
ring nodes :
    1 2 3 4 5
chain bonds :
    4-6 5-10 10-11 11-12 12-13 13-15 13-17 17-18
ring bonds :
    1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
    1-5 4-5 4-6 13-15 13-17 17-18
exact bonds :
    1-2 2-3 3-4 5-10 10-11 11-12 12-13
isolated ring systems :
    containing 1 :

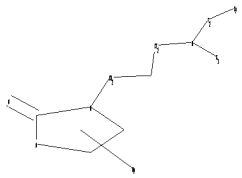
G1:H,Ak

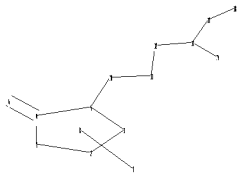
G2:C,SO2

Match level :
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:Atom 8:CLASS 10:CLASS 11:CLASS 12:CLASS
    13:CLASS 15:CLASS 17:CLASS 18:Atom
Generic attributes :
    7:
    Saturation   : Unsaturated
    Number of Carbon Atoms : 7 or more
    Type of Ring System   : Polycyclic

Element Count :
    Node 7: Limited
        C,C8-9
        N,N1-2
        O,O0
        S,S0

=>
Uploading C:\Program Files\Stnexp\Queries\10537034.str





chain nodes :
6 7 10 11 12 13 15 17 18
ring nodes :
1 2 3 4 5
chain bonds :
4-6 5-10 10-11 11-12 12-13 13-15 13-17 17-18
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-5 4-5 4-6 13-15 13-17 17-18
exact bonds :
1-2 2-3 3-4 5-10 10-11 11-12 12-13
isolated ring systems :
containing 1 :

G1:H,Ak

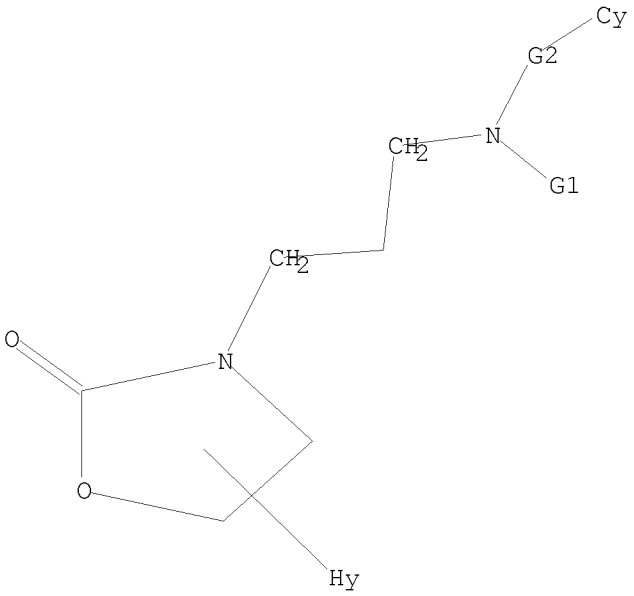
G2:C,SO2

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:Atom 8:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 15:CLASS 17:CLASS 18:Atom
Generic attributes :
7:
Saturation : Unsaturated
Number of Carbon Atoms : 7 or more
Type of Ring System : Polycyclic

Element Count :
Node 7: Limited
C,C8-9
N,N1-2
O,O0
S,S0

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 H,Ak

G2 C,SO2

Structure attributes must be viewed using STN Express query preparation.

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=> s l1 sss sam
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SAMPLE SCREEN SEARCH COMPLETED -      119 TO ITERATE

100.0% PROCESSED      119 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         1726 TO     3034
PROJECTED ANSWERS:               1 TO       80

L2             1 SEA SSS SAM L1

=> => s l1 sss ful
FULL SEARCH INITIATED 08:53:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     2438 TO ITERATE

100.0% PROCESSED     2438 ITERATIONS                              32 ANSWERS
SEARCH TIME: 00.00.01

L3            32 SEA SSS FUL L1

=> => s l3
L4            2 L3

=> d l4 1-2 bib,ab,hitstr
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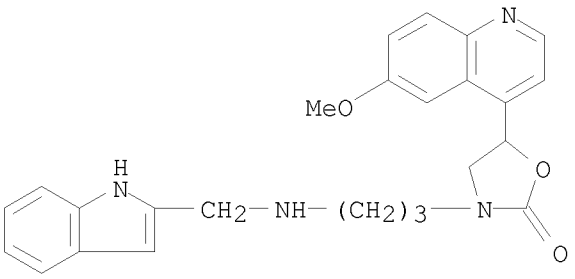
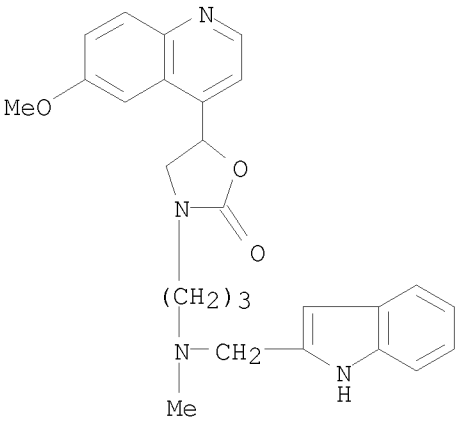
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:228853 CAPLUS
DN 146:462163
TI Oxazolidinones as novel human CCR8 antagonists
AU Jin, Jian; Wang, Yonghui; Wang, Feng; Kerns, Jeffery K.; Vinader, Victoria M.; Hancock, Ashley P.; Lindon, Matthew J.; Stevenson, Graeme I.; Morrow, Dwight M.; Rao, Parvathi; Nguyen, Cuc; Barrett, Victoria J.; Browning, Chris; Hartmann, Guido; Andrew, David P.; Sarau, Henry M.; Foley, James J.; Jurewicz, Anthony J.; Fornwald, James A.; Harker, Andy J.; Moore, Michael L.; Rivero, Ralph A.; Belmonte, Kristen E.; Connor, Helen E.
CS Discovery Medicinal Chemistry, Molecular Discovery Research, GlaxoSmithKline, Collegeville, PA, 19426, USA
SO Bioorganic & Medicinal Chemistry Letters (2007), 17(6), 1722-1725
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Ltd.
DT Journal
LA English
OS CASREACT 146:462163
AB High-throughput screening of the corporate compound collection led to the discovery of a novel series of N-substituted-5-aryl-oxazolidinones, e.g., I, as potent human CCR8 antagonists. The synthesis, structure-activity relationships, and optimization of the series that led to the identification of I (SB-649701), are described.
IT 935263-04-0P 935263-05-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation, CCR8 antagonistic activity, and SAR of aryloxazolidinones)
RN 935263-04-0 CAPLUS
CN 2-Oxazolidinone, 3-[3-[(1H-indol-2-ylmethyl)amino]propyl]-5-(6-methoxy-4-quinolinyl)- (CA INDEX NAME)



RN 935263-05-1 CAPLUS
CN 2-Oxazolidinone, 3-[3-[(1H-indol-2-ylmethyl)methylamino]propyl]-5-(6-methoxy-4-quinolinyl)- (CA INDEX NAME)



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:486385 CAPLUS
DN 141:54319
TI Preparation of quinolines and naphthyridine derivatives for use in pharmaceutical compositions as antibacterial agents
IN Axten, Jeffrey Michael; Dartois, Catherine Genevieve Yvette; Nadler, Guy Marguerite Marie Gerard; Pearson, Neil David
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English

Applicant's

FAN.CNT 1

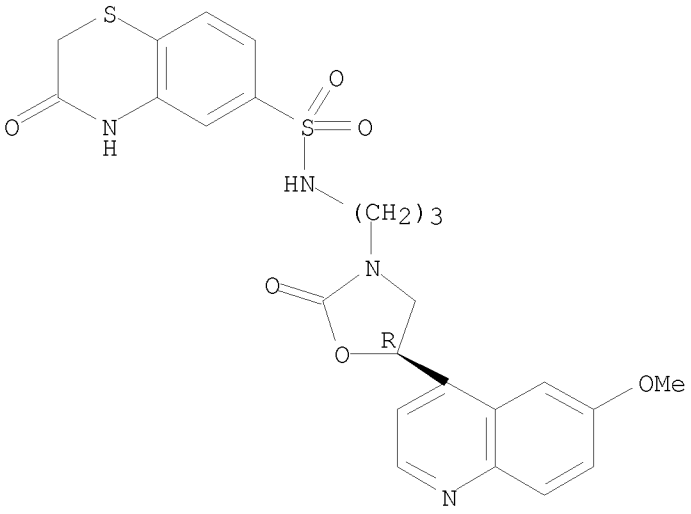
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004050036	A2	20040617	WO 2003-US38444	20031203
	WO 2004050036	A3	20040902		
	W: AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, EG, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SC, SG, TN, TT, UA, US, UZ, VN, YU, ZA				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003294565	A1	20040623	AU 2003-294565	20031203
	EP 1567520	A2	20050831	EP 2003-787253	20031203
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006515862	T	20060608	JP 2004-571000	20031203
	US 2006116512	A1	20060601	[redacted]	20050601
PRAI	US 2002-430908P	P	20021204		
	US 2003-469602P	P	20030507		
	WO 2003-US38444	W	20031203		

OS MARPAT 141:54319
AB Quinolinyl and naphthyridinyl substituted oxazolidinones, such as I [R = substituted or unsubstituted quinolinyl or naphthyridinyl; R2 = H, OH, NH2, alkyl, alkoxy; R3 = H, alkyl; R4 = aryl, heteroaryl; X = -CH2-, -CO-, -SO2-], were prepared for therapeutic use in the treatment of bacterial infections. Thus, oxazolidinone II was prepared via a series of synthetic steps which included conversion of 6-methoxyquinoline-4-carboxylic acid to 6-methoxy-4-(2R)-oxiranylquinoline (III), reaction of III with H2N(CH2)3NHCO2CMe3 and subsequent cyclocondensation of the resulting aminoalc. with triphosgene to form the oxazolidinone ring, removal of the amine BOC protecting group and, finally sulfonylation of the resulting amine with 3-oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonyl chloride to form the desired oxazolidinone II. The prepared oxazolidinones were assayed for antibacterial activity against organisms, such as Staphylococcus epidermidis, Streptococcus pneumoniae, S. pyogenes, Enterococcus faecalis, E. faecium, Haemophilus influenzae, Moraxella catarrhalis and Escherichia coli.
IT 706809-25-8P 706809-29-2P 706809-30-5P
706809-31-6P 706809-32-7P 706809-37-2P
706809-38-3P 706809-39-4P 706809-40-7P
706809-43-0P 706809-47-4P 706809-48-5P
706809-49-6P 706809-50-9P 706809-51-0P
706809-52-1P 706809-53-2P 706809-54-3P

706809-55-4P 706809-62-3P 706809-65-6P
706809-67-8P 706809-68-9P 706809-69-0P
706809-77-0P 706809-78-1P 706809-79-2P
706809-80-5P 706809-81-6P 706809-82-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of quinolinyl and naphthyridinyl substituted oxazolidinones for therapeutic use as antibacterial agents)

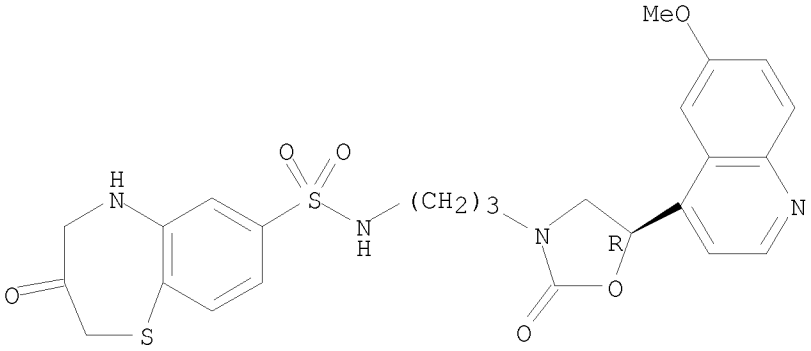
RN 706809-25-8 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, 3,4-dihydro-N-[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



RN 706809-29-2 CAPLUS
CN 1,5-Benzothiazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N-[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

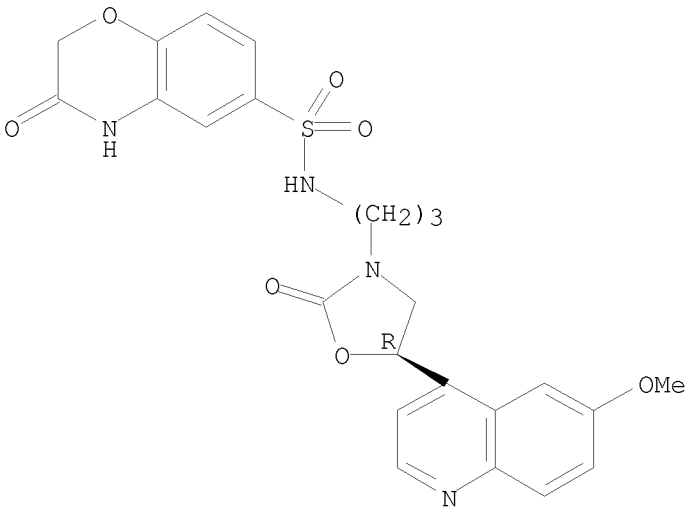
Absolute stereochemistry.



RN 706809-30-5 CAPLUS
CN 2H-1,4-Benzoxazine-6-sulfonamide, 3,4-dihydro-N-[3-[(5R)-5-(6-methoxy-4-

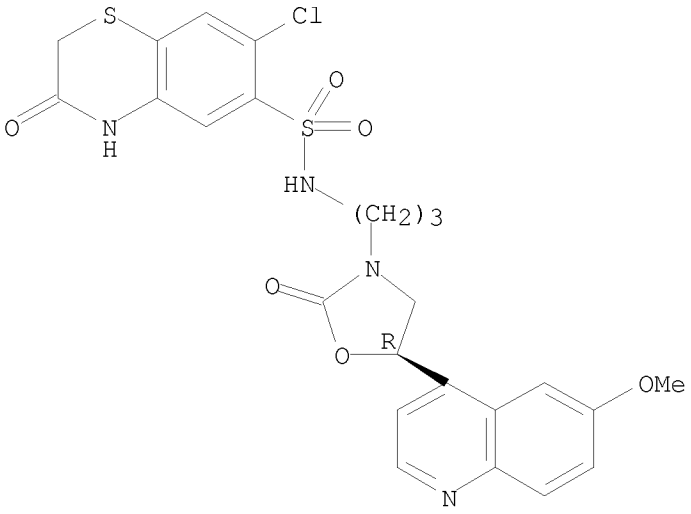
quinolinyl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



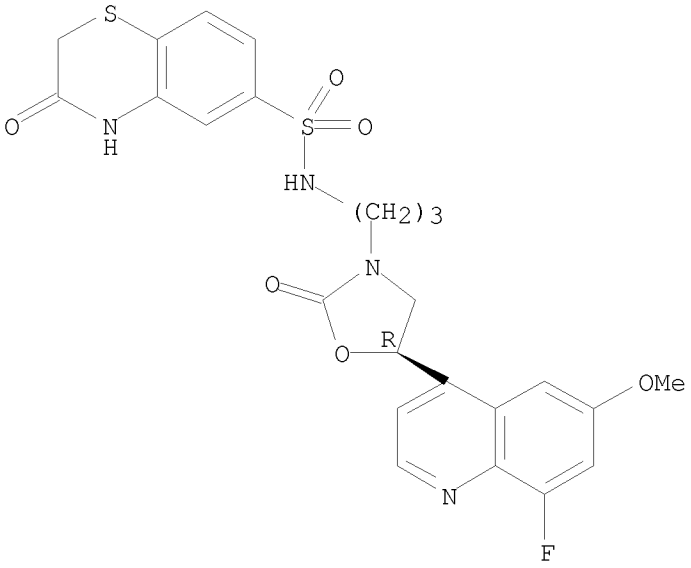
RN 706809-31-6 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, 7-chloro-3,4-dihydro-N-[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



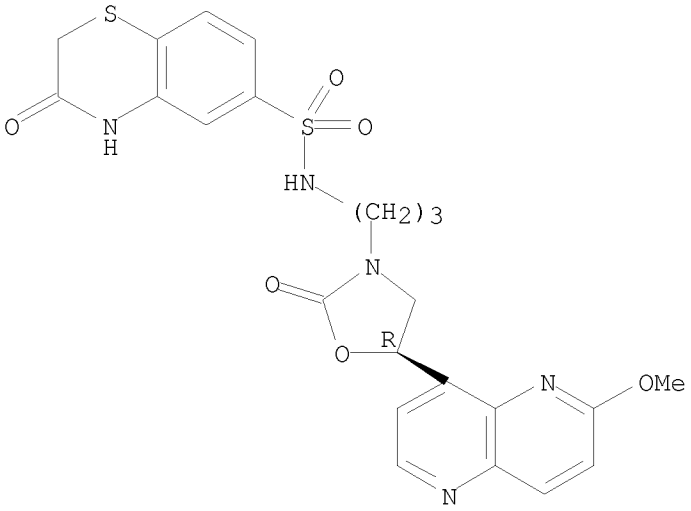
RN 706809-32-7 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, N-[3-[(5R)-5-(8-fluoro-6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]-3,4-dihydro-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



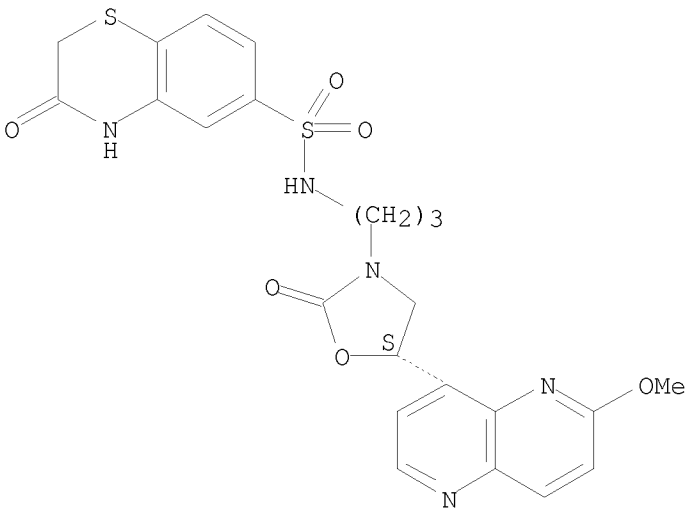
RN 706809-37-2 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, 3,4-dihydro-N-[3-[(5R)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



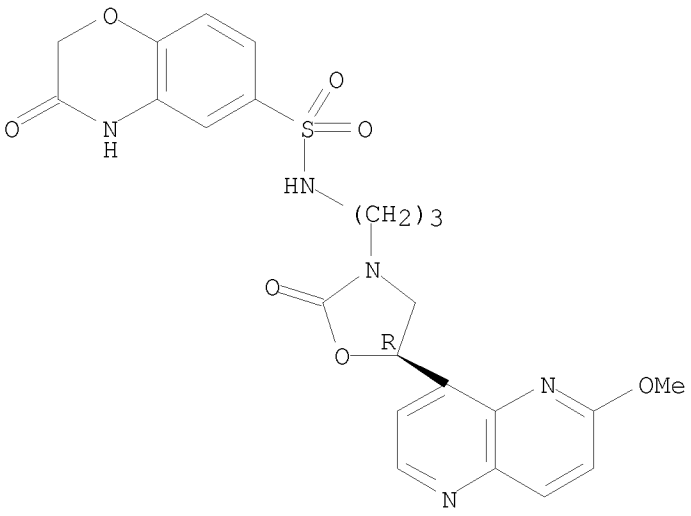
RN 706809-38-3 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, 3,4-dihydro-N-[3-[(5S)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



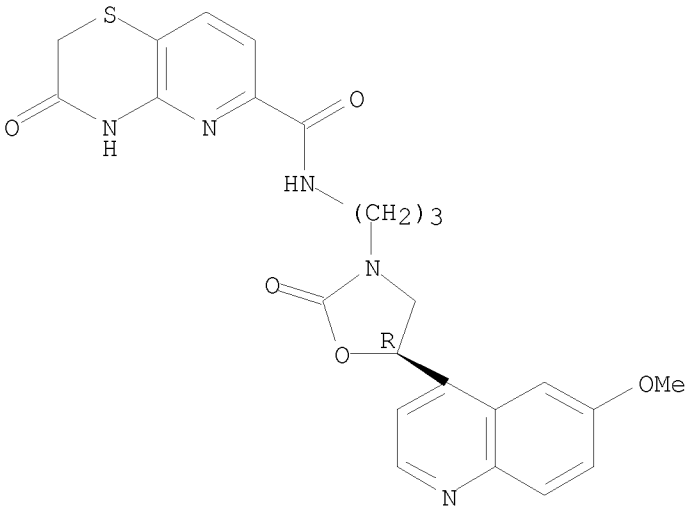
RN 706809-39-4 CAPLUS
CN 2H-1,4-Benzoxazine-6-sulfonamide, 3,4-dihydro-N-[3-[(5R)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



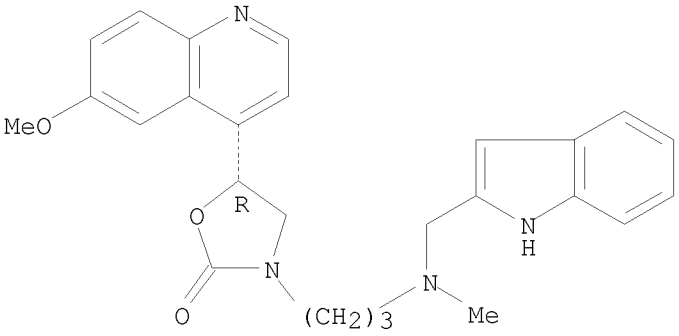
RN 706809-40-7 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-thiazine-6-carboxamide, 3,4-dihydro-N-[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



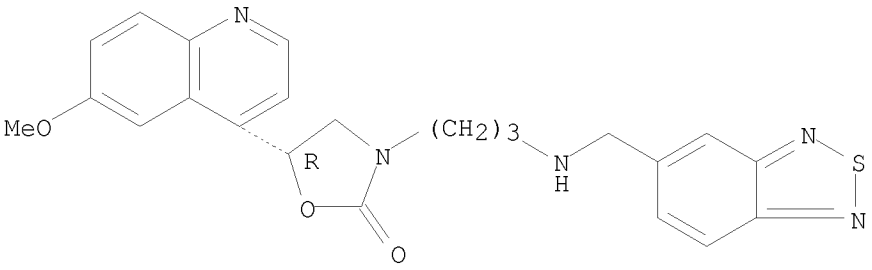
RN 706809-43-0 CAPLUS
CN 2-Oxazolidinone, 3-[3-[(1H-indol-2-ylmethyl)methylamino]propyl]-5-(6-methoxy-4-quinolinyl)-, (5R)- (CA INDEX NAME)

Absolute stereochemistry.



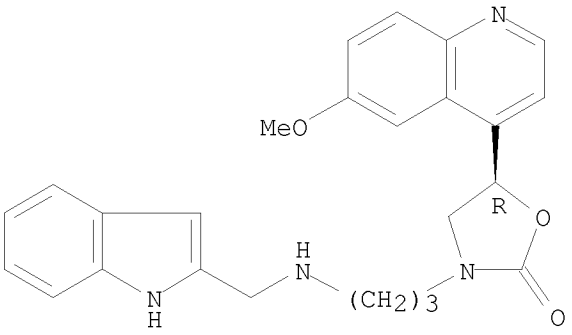
RN 706809-47-4 CAPLUS
CN 2-Oxazolidinone, 3-[3-[(2,1,3-benzothiadiazol-5-ylmethyl)amino]propyl]-5-(6-methoxy-4-quinolinyl)-, (5R)- (CA INDEX NAME)

Absolute stereochemistry.



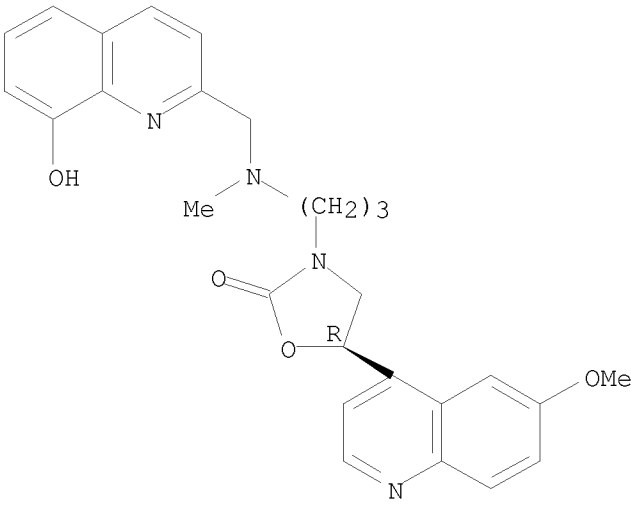
RN 706809-48-5 CAPLUS
CN 2-Oxazolidinone, 3-[3-[(1H-indol-2-ylmethyl)amino]propyl]-5-(6-methoxy-4-quinolinyl)-, (5R)- (CA INDEX NAME)

Absolute stereochemistry.



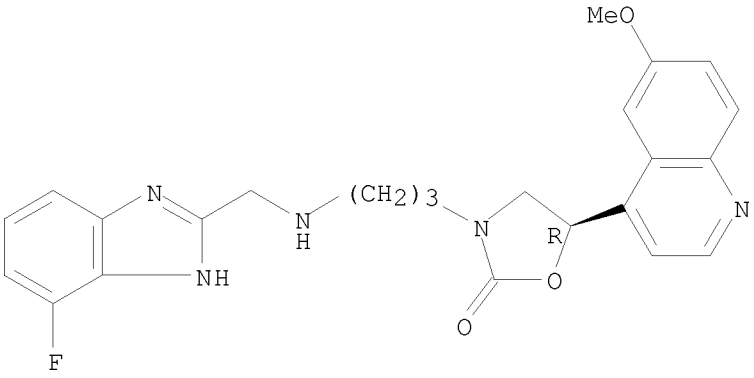
RN 706809-49-6 CAPLUS
CN 2-Oxazolidinone, 3-[3-[[(8-hydroxy-2-quinolinyl)methyl]methylamino]propyl]-5-(6-methoxy-4-quinolinyl)-, (5R)- (CA INDEX NAME)

Absolute stereochemistry.



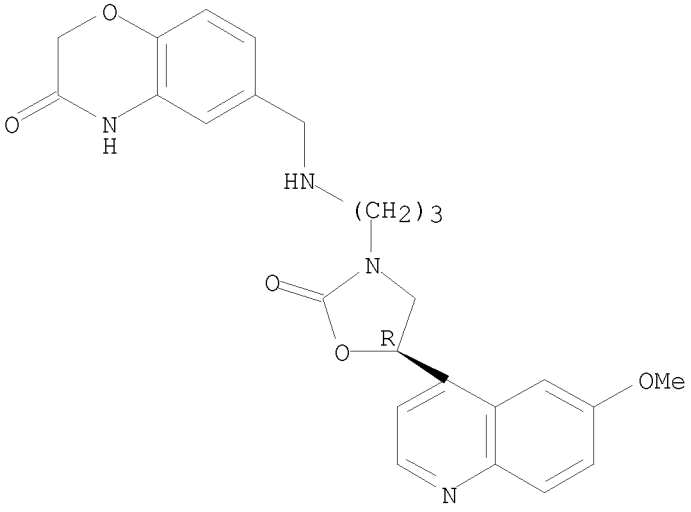
RN 706809-50-9 CAPLUS
CN 2-Oxazolidinone, 3-[3-[[(4-fluoro-1H-benzimidazol-2-yl)methyl]amino]propyl]-5-(6-methoxy-4-quinolinyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



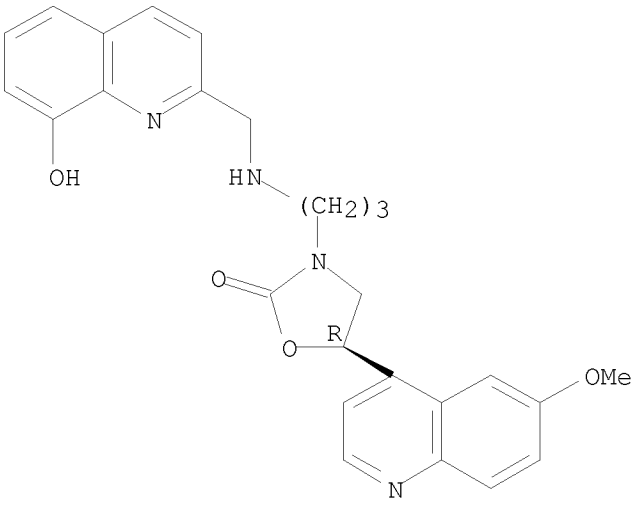
RN 706809-51-0 CAPLUS
CN 2H-1,4-Benzoxazin-3(4H)-one, 6-[[[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



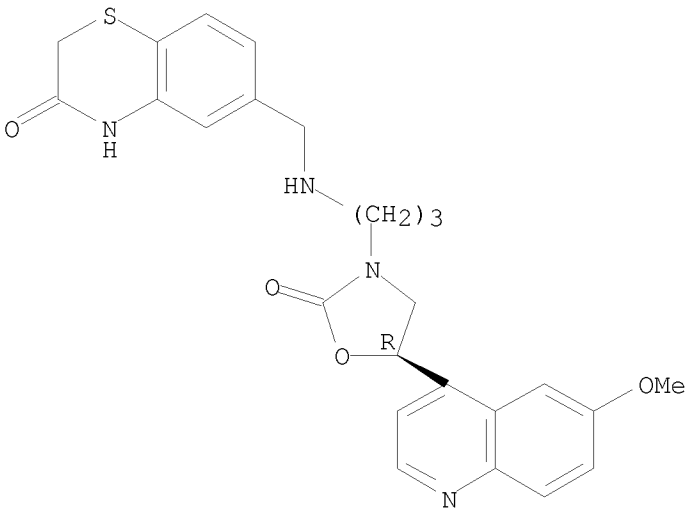
RN 706809-52-1 CAPLUS
CN 2-Oxazolidinone, 3-[3-[[(8-hydroxy-2-quinolinyl)methyl]amino]propyl]-5-(6-methoxy-4-quinolinyl)-, (5R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 706809-53-2 CAPLUS
CN 2H-1,4-Benzothiazin-3(4H)-one, 6-[[[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX NAME)

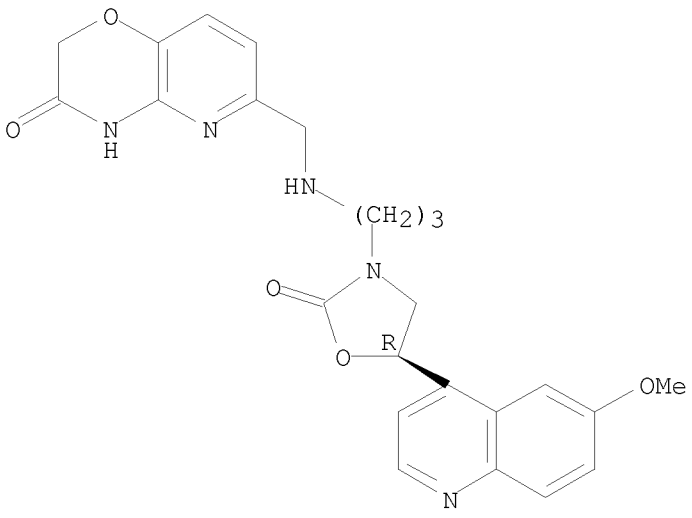
Absolute stereochemistry.



RN 706809-54-3 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-oxazin-3(4H)-one, 6-[[[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



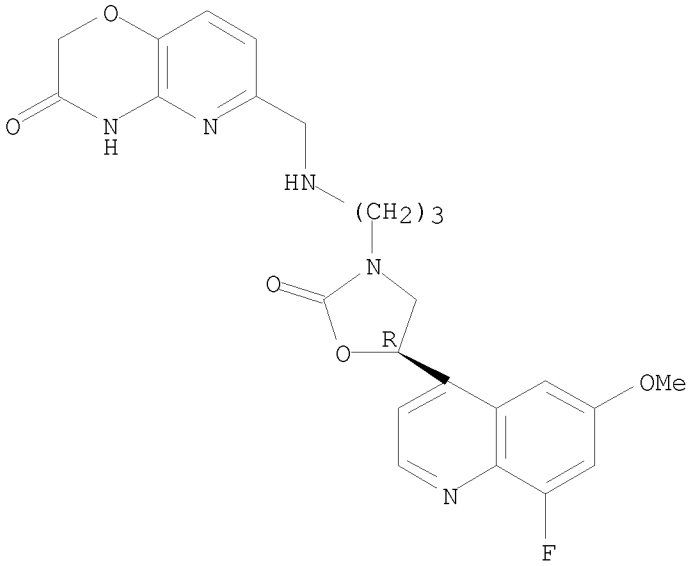
PAGE 2-A

● 2 HCl

RN 706809-55-4 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-oxazin-3(4H)-one, 6-[[[3-[(5R)-5-(8-fluoro-6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

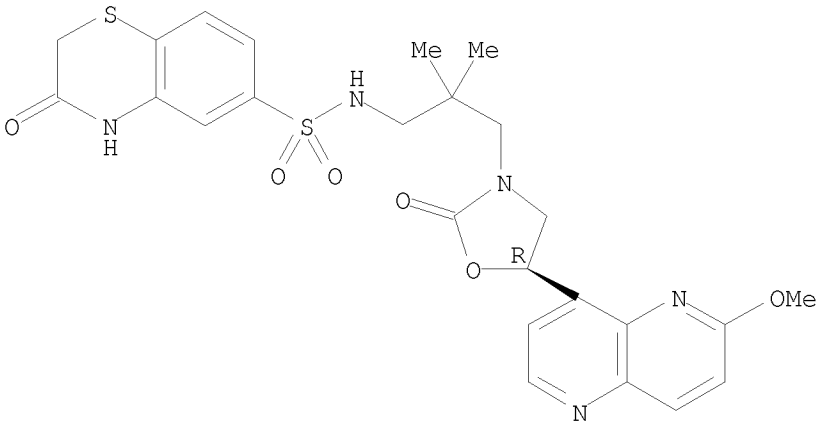


PAGE 2-A

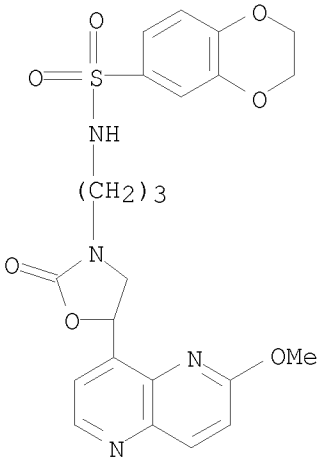
●2 HCl

RN 706809-62-3 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, 3,4-dihydro-N-[3-[(5R)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]-2,2-dimethylpropyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



RN 706809-65-6 CAPLUS
CN 1,4-Benzodioxin-6-sulfonamide, 2,3-dihydro-N-[3-[5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]- (CA INDEX NAME)



RN 706809-67-8 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-thiazin-3(4H)-one, 6-[[[3-[5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX

NAME)

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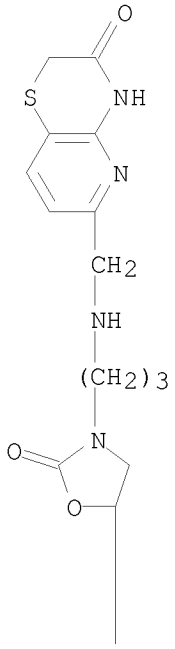

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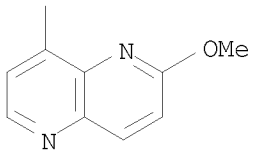

RN 706809-68-9 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-oxazin-3(4H)-one, 6-[[[3-[5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX NAME)

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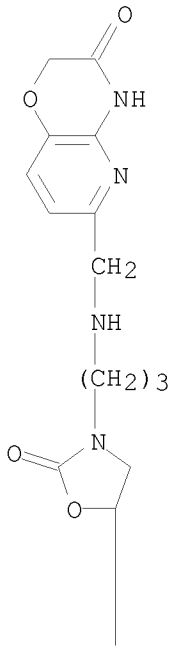

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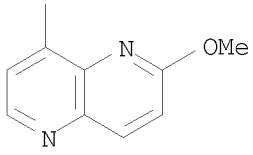
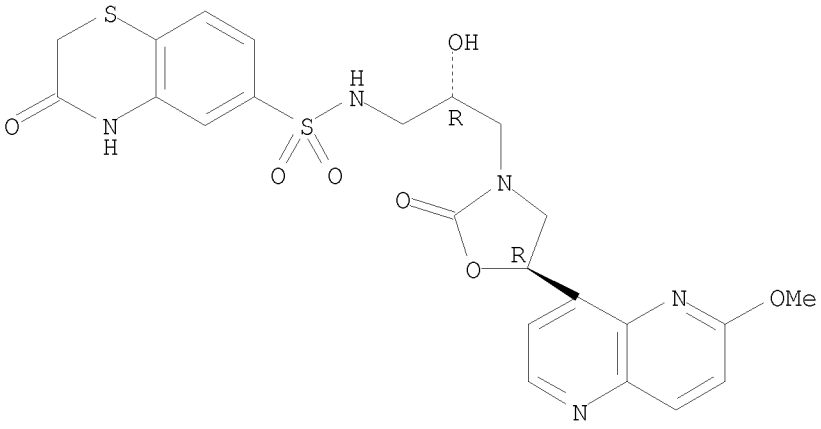


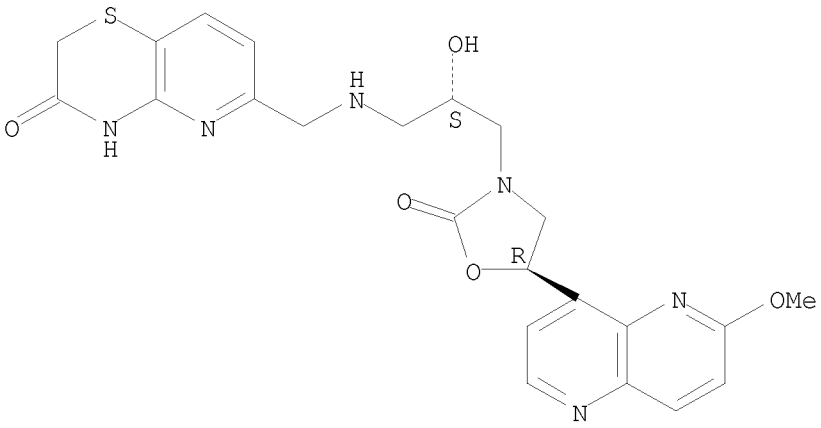
RN 706809-69-0 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, 3,4-dihydro-N-[(2R)-2-hydroxy-3-[(5R)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



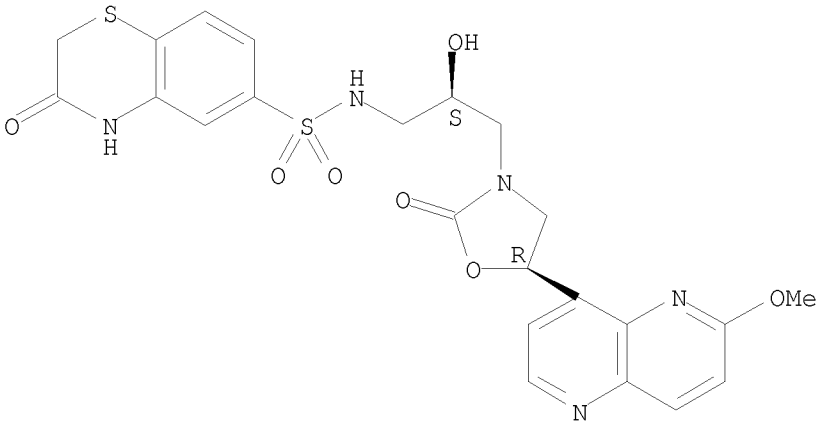
RN 706809-77-0 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-thiazin-3(4H)-one, 6-[[[(2S)-2-hydroxy-3-[(5R)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



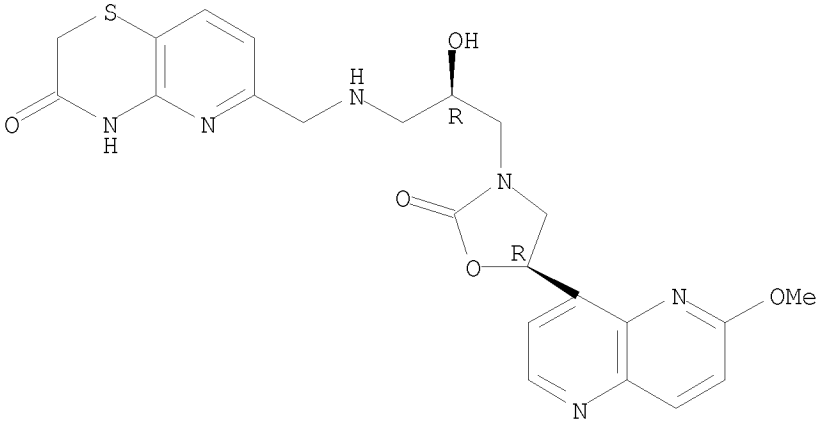
RN 706809-78-1 CAPLUS
CN 2H-1,4-Benzothiazine-6-sulfonamide, 3,4-dihydro-N-[(2S)-2-hydroxy-3-[(5R)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]-3-oxo- (CA INDEX NAME)

Absolute stereochemistry.



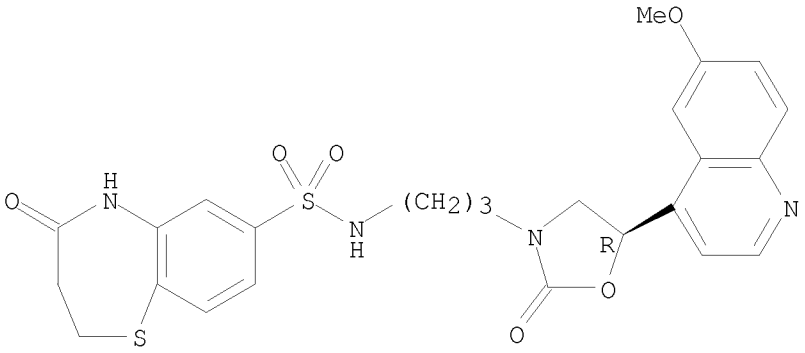
RN 706809-79-2 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-thiazin-3(4H)-one, 6-[[[(2R)-2-hydroxy-3-[(5R)-5-(6-methoxy-1,5-naphthyridin-4-yl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



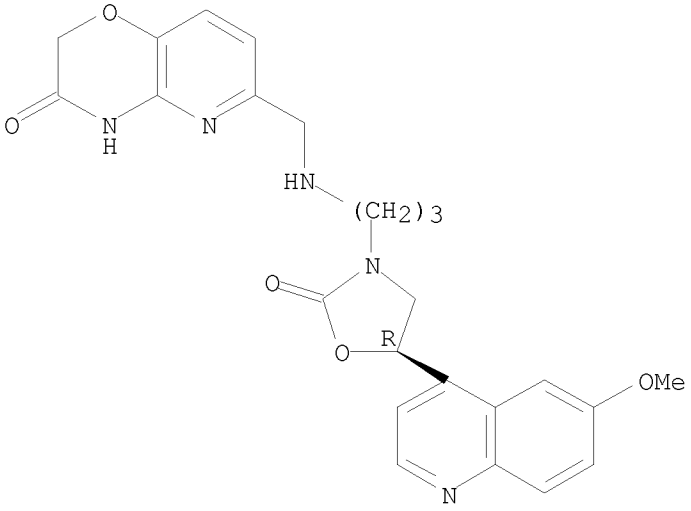
RN 706809-80-5 CAPLUS
CN 1,5-Benzothiazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N-[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]-4-oxo- (CA INDEX NAME)

Absolute stereochemistry.



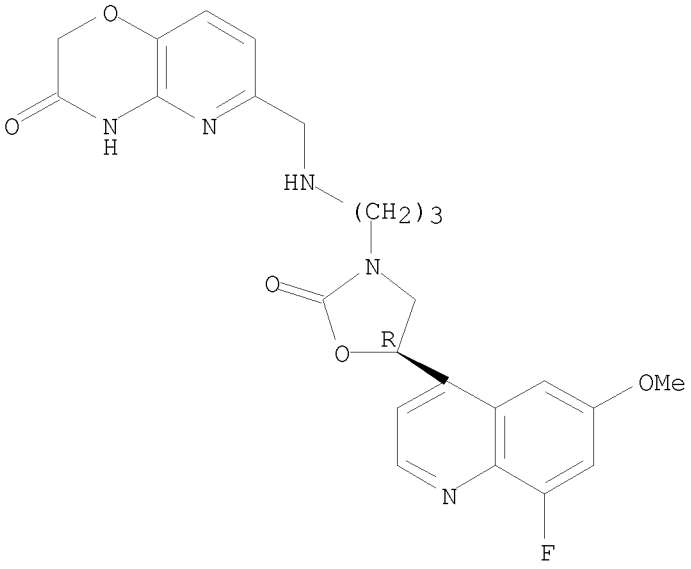
RN 706809-81-6 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-oxazin-3(4H)-one, 6-[[[3-[(5R)-5-(6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 706809-82-7 CAPLUS
CN 2H-Pyrido[3,2-b]-1,4-oxazin-3(4H)-one, 6-[[[3-[(5R)-5-(8-fluoro-6-methoxy-4-quinolinyl)-2-oxo-3-oxazolidinyl]propyl]amino]methyl]- (CA INDEX NAME)

Absolute stereochemistry.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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    11.38     190.41

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -1.60      -1.60

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